

TECHNICAL SPECIFICATIONS

Electrical Characteristics *		HS-210 / WU-210	H S-220 / WU-220
Power (Pm) in Watts (nominal)		210	220
Open Circuit Voltage (Voc) in Volts		36	36
Short Circuit Current (Isc) in Amps		7.78	8.15
Voltage at Maximum Power (Vmp) in Volts		29	29
Current at Maximum Power (Imp) in Amps		7.24	7.59
Maximum System Voltage		1000V / 600V	
Physical Parameters (Refer drawing below)			
Solar Cells per Module (Units)		60	
Length x Width x Thickness (L x W x T)	mm(Inches)	1660 X 990 X 42 (65.4 x 39.0 x 1.7)	
Mounting Holes Pitch (Y) - mm	mm(Inches)	1000 (39.4)	
Mounting Holes Pitch (X) - mm	mm(Inches)	945(37.2)	
Area - Sq. Meter / Area - Sq. ft.		1.643(17.67)	
Junction Box		IP 65 with Diodes	
Weight - Kg		20.50	
Container Packing Details		40 feet Container - 644 Modules	
		20 feet Container - 300 Modules	
Certifications: IEC 61215 / IEC 61730 -1 / IEC 61730 - 2/ TÜV Safety Class II & ETL Mark for UL 1703 approval (USA & CANADA); CEC listed			

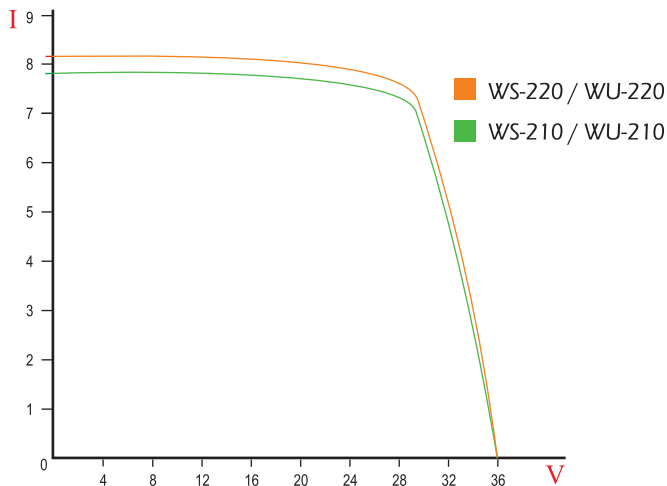


*Measurement Tolerance on Power +/- 3%. All electrical parameters specified at STC : 25°C cell temperature; 100mW/cm² irradiance; AM 1.5

Other Characteristics

Type of Cell : Mono / Multi Crystalline Silicon
 Front Face : Tempered Glass (Low Iron)
 Encapsulate : Ethylene Vinyl Acetate
 Frame : Anodized Aluminium
 Junction Box : Weather Proof Nylon 6
 Temp. Coefficients : Voltage -0.123 V / °K
 Current +4.4 mA / °K
 Power -0.47% / °K
 NOCT : 47+/-2 °C

- All modules of 180Wp and above are supplied with pre-fixed cables and connectors.
- All modules are supplied with screwless Hollow section frames.
- Warranty : Up to 25 Years Limited Extended Warranty
- Due to constant product modifications, WAAREE reserves the right to amend the above specifications without prior notice.



Mounting Details

All dimensions in mm and tolerances ±2mm

